

**Group 02: Request for Information (RFI) Questions and Responses, August 28, 2012**

1. Details on the Architectural drawings call for galvanized edge angles at the concrete slabs (e.g. 10/AE-5509). We question if this is correct as the edge details on Structural drawing S-5301 to not indicate these as galvanized and it would be highly unusual to weld galvanized steel to un-galvanized steel. Please advise.

**Response:** The edge angles do not need to be galvanized at the perimeter. The notes have been adjusted accordingly in revised drawings.

2. What type of roofing / metal decking is to be used on the Training Plaza Canopies (AS-5004)?

**Response:** Provide 1 1/2" metal decking, pre-finished to match existing canopies. The details have been adjusted in revised drawings.

3. Light proof shades between the glass are indicated in the Mental Health and Behavioral Nursing Units; we do not find these rooms on any of the floor plans.

**Response:** There are no light proof shades between glass. Please disregard Spec section 12 24 21, Section 2.2.

4. Light proof shades are indicated to be installed in a head box; what does this mean and where are these installed?

**Response:** The head box refers to the cover for the roll by the shade manufacturer and is to be mounted with a continuous metal angle to the upper mullion.

5. Can we quote a VE product?

**Response:** Specifications are performance based and any manufacturer that meets the specified requirements is acceptable.

6. AE-6401 shows a "vertical solar shade system" outside of building at East & West. Are these solar shades? Is this correct?

**Response:** No, these are exterior sun control devices.

7. Please confirm that there are no motorized shades on this project.

**Response:** All perimeter exterior window shades shall be motorized and automated. They will be connected to a 20A, 120V circuit. A maximum of 6 shade motors should be connected to a circuit. Provide similar to Whispershade IQ System integrated with Sundialer daylighting control system. Shades to be similar to Thermoveil, Basketweave, 1320 Shadow Grey, 5% open. This response supersedes previously issued response related to window shades.

8. Please provide a section through the tunnel foundations / slab tie-in to the existing building between grid lines 4.0 and 5.0 as shown on SB-1200C.

**Response:** See revised drawings in Amendment 002.

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9. Please provide an erosion control plan indicating the initial storm water control BMP's with details for their construction?

**Response: Copy of Environmental Protection Plan provided by the contractor for the original campus is attached for information only. Please note that original site was not LEED Certified and Contractor for Administration Building is responsible for preparing all required documentation including the Erosion and Sedimentation Control Plan for all construction activities associated with the Administration Building and Education Center construction.**

10. Specification section 312000 for Earthwork, section 3.5, paragraph F requires six inches of crushed stone or gravel fill under slabs on grade unless otherwise shown. The structural drawings indicate different thicknesses and the use of sand under building slabs on grade. Please confirm the structural drawings govern.

**Response: The structural section has been revised to 6" of crushed stone.**

11. Reference drawings Volume 4 sheet FP-201, near the intersection of gridlines K-6. Drawing note states "Expanded branch line (typ.) provide gridded system if hydraulic calculations show it is necessary." Please clarify that statement.

**Response: The existing branch lines in the Central Plant are to be extended to cover the new Chiller Room 2-112. Contractor is required to prepare calculations to demonstrate that the hydraulic design basis can be achieved. If the calculations show that densities cannot be achieved with the existing tree system, a grid or loop would typically be necessary to do so. Due to the proximity of the fire pump we do not expect that this will be necessary; however, the contractor shall submit the calculations to demonstrate performance.**

12. Reference Volume 2 sheet AS-1102 in the upper left hand corner of the admin building construction limits, the drawing calls for a decorative concrete screen wall. No detail for a decorative concrete screen wall is provided. Please confirm this is a CMU landscaping wall as seen in detail 4 on sheet AS-5003.

**Response: Confirmed, use detail AS-5005/04 for the indicated decorative concrete screen.**

13. Please provide name of Fire Alarm contractor currently maintaining properties EST-3 panel for equipment quote.

**Response: The VA is maintaining the system.**

14. Provide name of contractor or company that maintains/programs the current security, access control, surveillance system for equipment quote.

**Response: The VA is maintaining the system.**

15. Provide name of contractor or company that maintains/programs the current PBX, PA system for equipment quote.

**Response: The VA is maintaining the system.**

16. Provide name of contractor or company that maintains/programs the current A/V, MATV distribution systems for equipment quote.

**Response: The VA is maintaining the system.**

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17. Project specification for tele/data fiber optic terminations states to use “ST” type connectors, while the “T” drawings state to use “SC connector pigtails”. Please clarify which type of connection is correct.

**Response: “SC connector pigtails”**

18. Sheets TY-005 and T-005 both show a riser backbone cabling diagram, is this just duplicate for reference on each package or is contract to supply two separate riser backbones, please clarify.

**Response: Contractor to supply two separate riser backbone.**

19. Detail 1/AD-1102 does not show demo of Level 1 slab. In order for basement work to be completed, portions of the SOG must be demolished. Please clarify the limit of demolition.

**Response: Sheet AD-1102 has been corrected to indicate slab demolition. Refer to revised sketches.**

20. Detail 2/AD-1102 states “expose edge of slab as part of demolition work to accept connection of new concrete floor slab”. The edge is approximately 10’ south of gridline P. Reference SF-1202C key notes 2 and 3. The Structural drawings show the slab being demolished back to Gridline P; and structural steel framing being replaced. Please clarify the limits of demolition for existing Level 2 slab.

**Response: Sheet AD-1102 has been corrected to indicate slab demolition. Refer to revised sketches.**

21. Follow up to Question 35. The same condition exists at Level 3. Please clarify the limits of demolition for existing Level 3 slab.

**Response: Sheet AD-1102 has been corrected to indicate slab demolition. Refer to revised sketches.**

22. See SF-1202C key note 3, and SF-1203C key note 3. The key note states “Demolish (E) slab on deck back to Grid P. See 1/S5311.” Sheet S5311 does not exist. Please provide detail 1/S5311 or correct the detail reference.

**Response: Reference has been revised to 5/S-5302. See revised drawings.**

23. Please provide as-builts of the existing building at connector area – between Gridlines P to R, and 4 to 5.

**Response: As-built drawing will be available and may be requested at the Pre-Construction meeting.**

24. Volume 2 detail 1/AD-1102 shows existing columns (at .R-.4 and .R-.5) to remain. These columns appear to support the roof deck above. See Volume 1 SB-1200C. The drawing calls for a F3 footing at R.1-9, and F4 footing at R.1-10. These footings are on the basement level. See Volume 1 1/S-5111 and 9/S-5213. It appears that we are to build pilasters on the above referenced footings from basement to Level 1. The existing columns will then bear on the new pilasters. Has the Department of VA Affairs engaged a structural engineer to study how the existing columns will be supported during basement work?

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**Response:** Shoring of these columns is part of the contractor's means and methods. Key note 4 on SF-1201C as well as the general notes section II describe the requirements for this work.

25. Reference Volume 2, sheet AE-4511, detail 6. Will any type of wall protection be required at the patient headwall? If so please provide details.

**Response:** Only the bed locator that is part of the Headwall assembly per specification.

26. Reference Volume 2, sheet AE-4101, detail A. The restrooms 1H111B and 1H111A appear to have a countertop or bench located in the alcoves next to the showers. However this item does not appear on the elevations 16 and 19 on sheet AE-4502. Please clarify what is required at these locations.

**Response:** Furniture provided by VA.

27. Reference spec section 10 44 13. Please confirm if fire rated extinguisher cabinets are required or if the fire rating will be covered by the drywall layers.

**Response:** Refer to details 2 and 3 on sheet AE-5611.

28. Reference Volume 2, sheet AE-4506, detail 3. Please confirm the interactive white board is owner furnished, owner installed. If the interactive white board is meant to be contractor furnished and installed, please provide a spec.

**Response:** The interactive white boards will be owner provided.

29. The requirement for FSC materials is noted in section 018111, page 24 however is not included as a requirement in section 123200 or 123600. Please confirm if FSC materials are a requirement for this project?

**Response:** Yes, FSC materials are required.

30. Please provide the floor finishes for rooms 1H114C, 114D, 114E, & 114G? These rooms do not appear on the finish schedule

**Response:** Floor Finish is CP-1 as indicated on Finish Plan.

31. Please provide the floor specifications for room 3H313. None is listed.

**Response:** Unassigned Offices are unfinished.

32. Please provide the correct floor specification for rooms 314D, 314E, and 314G. The finish schedule indicates that the flooring is to be "Rubber Base".

**Response:** Floor Finish is CP-3 as indicated on Finish Plan.

33. The feeder from transformer T-LB1B to panel LB1B is shown as 53C. This feeder designation is not in the feeder schedule. Please clarify.

**Response:** Refer to notes at bottom of feeder schedule.

34. Tech 01 Drawing TA-021 illustrated a fiber receiver and music processor. Please provide specification. Projectors/project screens listed on specifications but not on drawings. Are they part of the scope? If so, please provide screen size and requirements per room.

**Response:** Please use the BSS Audio Soundweb London BLU-32 expander for the Music Processors shown for Facilities 1H104, Facilities 2H204, and Facilities 3H304. The requirements of the Music Processor and Digital Signal Processor shown for Telecom 1H127 can be accommodated by using one BSS Audio Soundweb London BLU-80. Please coordinate with the VA (Resident Engineer Office) for property accepted fiber optic transmitters and receivers. Projectors and projection screens are no longer part of the scope of work.

35. On Sheet TS-101, a new telecom conduit is shown from a new hand hole off the southwest corner of the facility to existing Demarc #2. This conduit runs well outside of the limits of construction, and would require extensive demolition of newly installed sitework. An existing, unused, telecom conduit (called out by Note #7) is shown on Sheet ESP-101. Please confirm if the new conduit shown on TS-101 and the existing telecom conduit shown on ESP-101 are the same conduit, or if a new conduit is in fact required outside the limits of construction per Sheet TS-

**Response:** The conduit from the manhole system to the existing demarc should be considered existing for this scope of work. Scope should only include new conduit from Admin Building to manhole indicated at southeast corner of new construction.

36. In the specs it mentions erosion control matting or jute netting. This is generally required on slopes 2:1 or greater. The civils show slopes at 5:1, 4:1 and slope at 3:1. Will this be required for all slopes regardless of grade?

**Response:** The jute netting is not required. It is the contractor's responsibility to provide proper compaction and drainage as per the construction documents.

37. On sheet LI101 (irrigation) the legend calls out for Irrigation Controllers. It mentions 48 Station Pedestal Mount & Weather Sensor, but gives no manufacturer or model number. Can we get clarification on this?

**Response:** The irrigation controller is to be a Rainmaster EVOLUTION DX48-SPED-FLOW-PH or equal and must be compatible with the existing irrigation controllers. (See attached PDF for schedule of previous phase for information only)

38. On the same sheet, it also gives no model numbers for drip valves or gate valves. Can we get clarification on this as well?

**Response:** The specifications are performance based and non-proprietary. Provide products that meet specification requirements.

39. Valve boxes are said to concrete for Gate valves but concrete or plastic for remote valves. The details show concrete. Can we get clarification that all valve boxes are to be concrete?

**Response:** Valve boxes for the remote valves can be either HDPE structural foam Type A, Class III, or concrete. The box shall be minimum (19 inches) long by (14 inches) deep with key-lockable hinged cast iron cover. See spec section 34 84 00, 2.3, B

40. Lightweight concrete is referenced but the weight of that concrete is not specified. Please specify the weight of the lightweight concrete.

**Response:** Specifications have been revised to limit the light weight concrete to 115pcf. See revised section.

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41. There is reference to patching existing masonry. Is this only confined to the attachment points from new to existing or are there other areas on the existing facility that need patched. If so, is it possible to determine an allowance for existing wall patching or somehow further help quantify the masonry patching scope?

**Response: Only at connection points of new to existing**

42. Demolition Construction Note 5 and Demolition Note 1 on C1.01 refer to the electrical demolition plans for more information regarding the removal and / or relocation of existing light poles, telephone service, and site power while the electrical site demolition plan does not show these items to be removed. Please provide any additional information regarding the relocation of the normal power, emergency power, and signal conduit shown on C1.01 but not in the electrical drawings.

**Response: Electrical site demolition scope is indicated on sheet ED-101. Refer to plan, all notes and all notices.**

43. Drawing C1.01 shows a dark storm sewer line connecting (without a manhole) to the existing storm sewer line on the southern end of the site. The dark line extends off the drawing but this line doesn't appear on the utility plan as new work but isn't referenced on the demo drawing either. Please describe what this line represents and what it's termination point is outside the area shown on C1.01.

**Response: Underground Utility relocations and temporary power supply for hospital will be accomplished under a separate solicitation to be issued. Bid project as if relocations have occurred and temporary power is in place.**

44. Note 1 on the Landscape Planting plans indicate steel edging while detail J/LP-201 references the possibility of concrete mow bands or edging. It appears that only metal edging is used. Please confirm there is no concrete edging on the project or otherwise clarify its location.

**Response: There are no concrete mow curbs.**

45. Specification 033000 part 2.2 B forbids the use of fly ash unless allowed by the engineer. Will fly ash be allowed in foundation elements during the submittal process? If so, please indicate how much and where fly ash will be allowed.

**Response: Specifications have been revised. See revised section.**

46. Specification 033000 part 3.3 A.1 describes the underslab assembly as 4" of fine granular material over vapor barrier while detail 11/S5-101 indicates a 2" sand layer over the vapor barrier which is then over 4" of rock. Please clarify which is required.

**Response: 2 inches of sand over the vapor barrier which is then over 6" of rock is required. The detail and specifications have been coordinated.**

47. On detail 11/S5-101, there is a hatched material under the 4" of rock and above the prepared subgrade. Please clarify what that material is and its thickness.

48. **Response: The detail has been clarified and the extra layer removed. See revised drawing.**

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49. We have been unable to locate the concrete column schedule for the elements designated "CC" on the foundation plans. Please indicate where the schedule is located or provide.

**Response: Refer to 14/S-5103. Sheet notes have been added to clarify. In addition, column call outs on plan have been clarified. See revised drawing.**

50. Will ACI certified concrete finishers or supervisors be required for the slab placement crews? **Response: ACI certified finishers and supervisors are not required, but the contractor is free to use certified finishers if it is necessary to meet the requirements of the specifications.**

51. Per specification section 09 06 00, 2.8.B, section 08 1400 Wood Doors states Finish/Color to be "Vertical Grain with Natural clear finish (low VOC) – Similar to Green Leaf Door product." Please confirm species and cut of wood door veneer to be vertical grain "Bamboo" with natural clear finish.

**Response: Yes, doors to be Bamboo with natural clear finish.**

52. Specification section 08 14 00, paragraph 2.1, Flush Doors, section B.3 references veneer to be "A grade face veneer standard optional, or AA grade face veneer." Please clarify if wood veneer at face of interior doors is to be A or AA grade. Please advise.

**Response: Grade A is acceptable.**

53. The location of the floor drain shown on AE-1200A is different than the location shown on PP-205 which is correct?

**Response: The plumbing drawings indicate diagrammatic locations of floor drains. Please see the architectural drawings for dimensioned locations.**

54. Sht. AE-4511 / #6 – Indicates a Medical Headwall Unit. Note #1 – Indicates medical gases and to reference MEP drawings – The plumbing drawings or specifications do not indicate medical gas or equipment? – Is there a requirement for headwall units and medical gas?

**Response: Provide the headwall units with no medical gases (used for training only), and no services will be required except basic electrical outlets.**

55. Sht. AE1301B – Indicates a Patient Lift System – Is there a requirement for a patient lift? No power is shown on EP-301B if it is required?

**Response: Patient lift system charger shall be hard-wired to nearest 120v general convenience receptacle circuit. Patient lift equipment shall be provided by the VA.**

56. Which specification section should be used for the louvers servicing the penthouse house Air Handling Units – Volume 1 / Section 08-90-00 or Volume 4 / Section 10200?

**Response: Use spec section 08 90 00. Spec 10200 only applies to volume 4 for the Central Plant work.**

57. There is a +/- 27' excavation that will require shoring on the north end close to the hospital and possibly dewatering. There is no spec for wither dewatering or shoring, just a few general notes. Please provide a geotechnical report for this project.

**Response: Report provided in previous response**

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58. Specification Section 072200 "Roof & Deck Insulation" part 1.2.B refers to an Insulating Concrete System Specification section 035200 that is not contained within the provided documents. Please clarify if this specification applies or the reference should be removed.

**Response: Please disregard this section of the specification. Insulating concrete is not used in this project.**

59. Is there proprietary subcontractors and equipment that must be used for this expansion? i.e. BAS Controls, Fire Alarm, Sprinklers, Chillers, Air Handlers, Pumps, Generators, Switchgear, etc. If so please clarify which trade and the associated contractor required to be used.

**Response: Specifications are non-proprietary and are performance based. Contractor may propose equipment matching existing at his option.**

60. Sht. SF-301 Key Note #1 – Indicates a "Hoist to run on" – Is there a "trolley" hoist required and is it OFOI?

**Response: No hoist will be required.**

61. Sht. MD-401 Note item #12 – Indicates "taps" onto main – Is it the intent to utilize "HOT" taps with full port ball valves?

**Response: We do not indicate the specific type of tapping to be utilized for this piping. Please coordinate with the VA Resident Engineer for specific tap locations and types for piping indicated on the mechanical drawings.**

62. Specification Section 095126 1.2.C refers to a related Specification Section "Linear Metal Ceilings" as related work. This specification section is not a part of the provided Specifications. Please provide this section for review by bidders or clarify the design intent.

**Response: Please disregard this specification. Linear Metal Ceilings" are not used in this project.**

63. Refer to sheet note 4 on sheet SB1200A. Please clarify the width and height of the containment curbs.

**Response: The note on sheet AE-1200A indicates the following, "WALL ON 4" CONCRETE CURB - SEE DETAIL 8/AE-5611.**

64. Refer to detail 11/S-5111 as called out on sheet SF-1201B. The height of these stem walls is not called out and the architectural drawings do not show a stem wall at level 1 exterior walls. Please clarify design intent.

**Response: Refer to detail AE-6402/01 for the height of the concrete sill (3' – 6"). This is the same detail as the Admin building at the first floor level.**

65. Refer to sheet SF-1201B. The depressed slab areas appear to fall outside the slab on grade area. Please clarify design intent.

**Response: The depressions have been revised. See revised plan.**

66. Refer to drawings SB-1200A and AE-1200A. Structural drawings do not call for a 24" wall, however Architectural drawings do. Please clarify design intent.



**Response: Basement walls are to follow the thicknesses shown on the structural drawings.**

67. The Architectural Slab Plans show far more depressed slabs than the Structural plans. Please confirm the Architectural plans will govern with respect to depressed slab extents.

**Response: Provide the extent of slab depressions as shown on the Architectural plans. Structural plans have been revised to show additional depressions and associated structural requirements.**

68. Specification Section 130541 1.2.B refers to a related Specification Section "Coiling Counter Doors" as related work. This specification section is not a part of the provided Specifications. Please provide this section for review by bidders or clarify the design intent.

**Response: There are no coiling counter doors included in the scope of this project. Please disregard the reference.**

69. Volume 4 Specifications Section 09050 2.7.F refers to Aluminum Windows (Section 08520) for the finish schedule. This specification section is not a part of the provided Specifications. Please provide this section for review by bidders or clarify the design intent.

**Response: Refer to attached added specification section.**

70. Drawing EG-101, sheet note # 3 indicates that we are to bond the ground grid to down conductors from the roof. The current drawing set does not include a lightning protection system on the roof, or show any down conductors. Please confirm if there is a lightning protection system / roof down conductors.

**Response: Note 1 on sheet EG-101 and specification indicate the performance requirements for the lightning protection system.**

71. Also, please confirm that the added switchgear / electrical panels / generator units are to be furnished by the same manufacturer as the existing equipment; please forward the manufacturers information for pricing.

**Response: Specification is performance based and non-proprietary. It is recommended that generator at the CUP and the ATS match existing for programmability, but the documents do not require it.**

72. Electrical Single line E-501 note-9 states to tap existing feeder in existing man holes shown on ESP-101. These Man holes are not shown on ESP-101. Please verify location of Man Holes on ESP-101.

**Response: Note 1 on sheet ESP-101 indicates the diagrammatic routing of conduit from the new unit-substations to said manholes.**

73. On page E501 of Volume 4, Note 4 states to "coordinate requirements with generator supplier. Match existing generator accessory supply equipment". After speaking with Cummins, they say they are providing the generator and switchboard only. NOT the transformer and panelboard that come off of the switchgear. The issue is there is a note 4 attached to the transformer and panelboard. Is the circle note 4 placed in the correct locations on the page? What is the existing generator accessory supply equipment brand, so the Switchgear vendors can match it?

**Response: Rocky Mountain Cummins provided and installed the generator remote coolant system. The system installed was manufactured by IEA Inc. and was installed**

**by Rocky Mountain Cummins. Transformer and panelboard are a part of the turnkey generator coolant system.**

74. There appears to be a conflict between the schedule and the specification regarding the variable frequency drives. The schedules on drawings M602 and MH 650 state that all VFD's must be by a single manufacturer. Specifications 23 05 11 and 15050 state that the combination of controller and motor shall be provided by the manufacturer of the driven equipment. Please clarify whether or not the VFDs have to be by a single manufacturer or if they have to be provided by the manufacturer of the driven equipment.

**Response: VFD's should be provided by the manufacturer of the driven equipment where applicable and for all other VFD's, these should be provided by a single manufacturer. All VFD's must be compatible with the existing control system within the VA campus.**

75. Is the generator diesel tank being provided by the owner or by someone other than the mechanical contractor? Can you please provide a detail of required accessories for the tank?

**Response: The generator diesel tank farm is existing. Contractor is responsible for providing generator day-tank, accessories and fuel system requirements for complete system operation to match existing.**

76. Is there a specification for condensate pumps scheduled on M-604?

**Response: Condensate pumps are indicated within the schedule notes on sheet M-604.**

77. Is there a specification for the steam pressure reducing station scheduled on M-604?

**Response: The steam pressure reducing station shall be provided as indicated on the schedule, the piping flow diagram on sheet M-704, and as indicated within specification section 232213.**

78. There is no specification for the tempering station or any mixing valves. Is there a specification for the tempering station and mixing valves?

**Response: Please see the revised specification section 220523 for this information.**

100. In the Central plant, sheet E-500, Notes 2, 3, 4, 5 and 7, states to match existing equipment. What manufacture of electrical distribution equipment was utilized in the original construction.

**Response: Existing equipment is Eaton**

101. What is the manufacturer and model number for the lighting where we are required to match existing?

**Response: Specifications are performance based and non-proprietary. Please provide fixtures to meet requirements and descriptions provided.**

102. Table of Contents for Volume 1 specifications indicates that there is a separate General Requirements Section in Volume 4 Specifications. Volume 4 specifications do not contain these General Requirements called out in Volume 1. Please clarify the intent and which General Requirements should be referenced.

**Response: There will not be a separate Division 1 spec. for Volume 4. The one Division 1 section applies to entire project.**

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103. Light Fixture Schedule (Basis Of Design) on drawing sheet E-001 does not list the manufacture name or catalog number of any fixtures. Given the magnitude of the lighting package, is this information that is going to be issued in order to be able to accurately price out this package. Please advise.

**Response: No. Specifications are performance based and non-proprietary per VA requirements.**

104. Section 22 13 29 for Sanitary Sewerage Pumps says see schedule on drawings. Please provide the schedule and location of the pump.

**Response: Section 221329 is not required based upon the current schedule.**

105.. Section 22 13 33 for Packaged, Submersible Sewerage Pump Units says see schedule on drawings. Please provide the schedule and location of the pump.

**Response: Unit SE-1 applies to this section.**

106. On the pump schedule on drawing PP-502 pump SE-1 is called out as a sump pump. Please clarify what spec section covers this pump.

**Response: Section 221333 applies to SE-1.**

107. Reference drawing AG-1004 "Signage & Wayfinding Elevations"; What are the construction details for the items indicated in Details 1, 2 & 3?

**Response: – The fritted glass is called out in the detail and is specified in section 08 80 00. See revised details 2 and 3 attached. The concept of detail 2 is to have a different color phenolic in-line with the field panels in an MP-2 color. The concept of detail 3 is to have a brushed aluminum VA sign similar to the one on the current hospital. See revised drawings.**

108. The contract drawing plan details all call out Detail 3/AE-5509. Detail 3/AE-5509 indicates that the vertical corner panels are to be mitered and butted to each other AND there are no gaps at the vertical corners. Is this condition being used for all vertical corners? Please note that Detail 14 on AE-5611 does not show mitered corners.

**Response: The phenolic panels will not be mitered and will have a 3/8" gap on the less visible side of the panels. The noted details have been modified. See revised drawings.**

109. Details 1 and 2 on AE-6402 show window sill conditions. How does the flashing secure to the sloping ledge? If there are fasteners through the flashing into the membrane on the ledge, how are these penetrations to be sealed? Is there any specific detail as to how the membrane is to be installed?

**Response: See attached revised detail. The flashing will be adhered using self- adhered flashing membrane and the phenolic panel sub-girt system will be screwed in with gasketed washers.**

110. Details 10 and 12 on AE-6401 and Details 2A and 3A on AE-6403 indicate that the depth of the Phenolic panel system is 1 1/2". What is the thickness of the Phenolic panel system? Are the flashing details representative of the system or do the details need to be modified? Details 10 and 12 differ at the caulk joint. Is there any panel alignment required at the jambs?

**Response: The phenolic panel system is intended to be ½" panels with a 1" deep sub-girt structure. The flashing is to align with the phenolic panels at the indicated locations. At details 10**

**and 12 (jamb conditions, the flashing is to align with the mullion and the overall rough opening of the curtainwall / window wall system shown on the window elevations.**

1111. Detail 2 on AE-6402 shows the phenolic panels covering the caulk joint at the sill. Is that correct? Detail 9/AE-6402 shows the Phenolic panels lining up with the caulk joint/ rough opening at the head. Is that Correct?

**Response: The caulk joint at the sill is underneath the flashing and goes up at the blocking. The head detail does not need to be detailed in this same manner.**

112. Elevations A, B, C and D on AE-2101 indicate 3/4" movement joints. A detail for these joints cannot be found. Please provide a detail. Is there through flashings at these locations? Does the support channel need to stop and start and cantilever over the joint? Is there a special design for the membrane flashing at these movement locations?

**Response: The 3/4" movement joints are typical backer rod and sealant joint widths. A note has been added to the typical panel detail AE-5509/04 to show the 3/4" panel reveal conditions. See revised drawings.**

113. Detail 5 on AE-5509 show "Panel Widths" which do NOT include the 3/8" gaps between the panels. The Elevation drawings indicate Dimensions and many of these dimensions are 6'-0". Are dimensions shown on the elevations the "Panel Widths" or are they from Centerline of gap to Centerline of gap? In other words, are these panels to be made 6'-0" wide or 5'-11 5/8" wide?

**Response: Panel dimensions are intended to be to centerline. See attached sketch.**

114. Elevation Drawing D/AE-2101 seems to show a 6'-0" wide typical panel module/Grid. Detail 5 on AE-5509 says: " Refer to Elevation for Panel Grid" Is the intent of design that each of those panels are to be the same widths and the 3/8" gaps on each side consistent? If not, are all panels to be custom?

**Response: Panels are 6'-0" to centerline of gap, typ., unless noted otherwise on elevations.**

115. If a building is over 40 feet high, NFPA requires that the exterior system meet certain testing criteria. The exterior rain screen and air barrier are tested as a complete assembly in the NFPA tests. The present specified design of the Phenolic panels and membrane does not meet the criteria of NFPA 285. If NFPA 285 is required and you want to use the present specifications, an additional layer of mineral wool will need to be added. Please clarify design intent.

**Response: Phenolic panel air and vapor barrier system proposed must have been tested and in compliance with the requirements of NFPA 285**

116. TY-001 under symbol list it references a CAMERA SCHEDULE. Please provide a camera schedule.

**Response: Contractor to supply Camera Schedule**

117. TY-001 states that each camera on the layout is supposed to have a reference number tied to the camera schedule. The layouts showing camera locations have no numbers (example TY-201A)

**Response: Contractor to supply Camera Schedule**

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118. Has the VA already selected the "previous security vendor of the other buildings" to provide the security equipment for this building?

**Response:** The VA is maintaining the system

119. The reflected ceiling plans clearly show where the Solatube Tubular Skylights are located, however this doesn't match the roof plan drawings. Which is correct?

**Response:** Reflected ceiling plans shows the location of device in ceiling, the actual location on roof is shown approximate. The solar tubes will need to angle from the ceiling to the roof.

120. Ceiling detail 3/AE-5201 calls for Seismic Category D requirements, Plan page S-1001, XL Design Criteria, 6, calls for Seismic Design Category C. What is the correct Seismic Category for this structure?

**Response:** Architectural detail should read Seismic Design Category C per structural.

121. Dwg. AS-1102 indicates there are 22ea type "B" lighted bollards, Dwg. ESC-101 indicates 10 type FF2 lighted bollards. Which is correct?

**Response:** The architectural drawings show correct number and spacing for the security lighted type bollards (FF1 on Electrical). ESL-101 has been adjusted to show FF1 and FF2 light bollards. FF1 corresponds to the security type lighted bollards (diagrammatically represented provide number per architectural). FF2 show the locations of the non-security type bollards for the rest of the site. Please provide FF1 per Architectural site plan, and FF2 per Electrical Site plan.

122. Reflected Ceiling plan AE-1301B indicates two patient lift systems per spec sect 13 05 41 but there are no details or specs, please clarify.

**Response:** An additional attachment detail provided in revised drawings; also, refer to performance spec 13 05 41. Equipment provided by VA.

123. Spec section 12 93 00 includes Trash Receptacles and bike racks but they are not found on the drawings, please clarify.

**Response:** The ash receptacles double as the trash receptacles and are indicated on site plan. There are no separate trash receptacles. The bike racks have been added to revised site plan previously issued. There will be a 28 bike total capacity.

124. Spec section 12 93 00 does not include the site tables where the benches occur, where are they specified?

**Response:** Refer to the attached revised specification section 12 93 00.

125. The information/clarification I am requesting is in reference to the STC rating on the Sliding Aluminum Framed Glass Doors Elevations H, I, J, and K. The door schedule as well as the specification 08 41 13 pg. 3 of 7 asks that an STC rating of not less than 40 be provided.

- a. The required specification of an STC rating of 40 is not easily achieved and most manufacturers will not be able to provide a solution up to this level. For reference I have attached some documentation on STC ratings and specific material applications. Our product line, DIRT Environmental Solutions can achieve an STC rating of 35 using 10mm

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laminated glass within our Aluminum Framed Sliding Door. It is my hope that there would be consideration given to the ability of achieving this STC rating and that our solution would be allowed as an acceptable offering for this application.

- b. Will there be any flexibility in the specification of this STC rating for this particular application given the circumstances?

**Response: This product and others of its type are acceptable alternatives to an STC Rating equal to the wall. The intent is to provide slider doors with acoustic glass and seals to assist with minimizing sound transmission. An STC of 35 will be considered for the indicated H, J and K elevations. Note that there is no "I" elevation.**

126. Note 25 on C1.02 calls out for 7" concrete but the limits are hard to determine, please provide details on limits of 7" concrete and how it connects to the attached 4".

**Response: Provide as shown. Thicker slab is for lift access to window adjacent to building.**

127. The drawings and specifications say to match the lighting controls on the existing campus. Who is the manufacturer of the existing controls and what type of controls are existing?

**Response: The existing lighting control system is Lutron with Softswitch relay panels and several processors connected on the Facilities LAN (separate from IT LAN). The facilities LAN fiber may be accessed from any Facility Closet. The system is integrated with the campus BMS and an operator console is located in the Central Utility Plant Operations Room.**

128. Drawing T-003 calls for 1" raceways, but Drawing T-201A calls for ¾" from the outlets to cable tray – which is correct?

**Response: Use diagram "C" on sheet T0.03. Conduit shall be 1".**

127. Drawing FA001 Note 6 calls for manual pull stations at all exits. Are these required per the Nevada Fire Code or is this a Federal code?

**Response: Manual pull stations are provided to meet VA standards and to match the existing facility standard.**

128. Drawing FA001 Note 8 notification appliances will include speakers and strobes – are speakers and strobes required?

**Response: Yes. As specified.**

129. Spec 26 24 16 (2.1d) states all panelboards to have TVSS installed, but 2.4 says where shown on drawings. Which is correct?

**Response: 26 24 16 (2.1d) does not require all panelboards to be furnished with TVSS, but only be factory assembled with all specified integral accessories.**

130. The new exit fixtures need to match the existing hospital fixture types. What is the type and manufacturer?

**Response: Specification is performance based and non-proprietary. Provide to meet specification.**

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131. Specification 03 30 00, paragraph 2.2.R.2 specifies a 15 year MVE (moisture vapor emission) warranty that will include the cost for all labor and materials needed to replace all floor covering that fails due to moisture vapor emission and moisture born contaminates. Although no manufacturers name is listed in the specifications, the 15 year warranty as written in the specifications, appears to be word for word written around Creteseal (Concrete waterproofing products incorporated). Please provide or clarify the following:

Please provide a list of manufacturers other than Creteseal that can meet the warranty requirements.

How should the contractor proceed should Creteseal products (the only manufacturer we have found with the 15 years warranty as specified) become unable to properly bond or financially back the warranty? Will the VA relieve the general contractor or installing contractor of the 15 year liability? If no, is the VA expecting the general contractor or installing contractor to assume the warranty of a manufacturer that cannot bond over or meet its obligations?

Will the VA please consider removing the 15 year material and labor replacement warranty?

**Response: a) Specification is performance based and non-proprietary. b) Contractor is to propose the products that meet the specified requirements if a product is available. It is the contractor's obligation to demonstrate that products meeting the specification requirements are unavailable. c) The 15 year material and labor replacement warranty will not be removed.**

132. The educational center has structure on the third floor (SF1203), but there isn't a structural drawing. Please advise if SF1203B needs to be added to the Contract Documents.

**Response: The highest level of the education center is the penthouse roof. This roof is shown on 5/S4101.**

133. There do not appear to be any glazing or door systems identified as FEBR on the drawings. Please advise which windows and doors are FEBR rated.

**Response: There are no FEBR rated doors in the project.**

134. Specification Section 086270 requires a 25-year manufacturer's warranty for the daylight tubes. The industry standard for this type of system appears to be 20 years. Please advise if a 20-year warranty is acceptable.

**Response: 20 year warranty will be acceptable.**

135. Specification Section 086270 requires a fluorescent light kit with the daylight tubes. It does not appear this option is available in a 21" tube because the housing for the light fixture would block out too much of the daylight. Please advise if the light kit can be omitted.

**Response: Fluorescent light kit can be omitted.**

136. AS-1103 – 2 & 3 – Bench 4, Trash Receptacles, and Bike Racks. The specifications (Section 12 93 00, Part 2) indicate the requirement to provide and install benches, trash receptacles, ash receptacles, bike racks, and tables. Benches 1 through 3, ash receptacles, and tables 1 and 2 have been located in the drawing indicated above. Please clarify the intended locations of Bench 4, trash receptacles, and bike racks.

**Response: There are no Bench 4's, or separate trash receptacles. 12 and 16 capacity bike racks are indicated on site plan revised and issued in previous responses.**

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137. AE-4101 – A – Lockers. The specifications (Section 10 51 13, Section 3.4) indicate the existence of single tier full height, double tier full height, duplex full height, and purse lockers. Double tier full height lockers are shown in the drawing indicated above and detailed in drawing AE-4502 – 6 & 20. Please clarify the intended location of the single tier full height, duplex full height, and purse lockers.

**Response: Only the double tier full height lockers are intended within the scope of this project.**

138. FJ100 – 1 – Fire Extinguisher Cabinets. Fire extinguisher cabinets shown in the drawing indicated above are shown installed on 1-hr Fire Barrier Walls. The specifications (Section 10 44 13) do not indicate the requirement of 1-hr fire rated fire extinguisher cabinets. Please clarify if 1-hr fire rated fire extinguisher cabinets are required.

**Response: The only fire extinguishers that are in rated walls are in the basement mechanical rooms. These can be surface mounted, therefore no rated fire cabinets will be needed.**

139. FJ100, FJ 101, FJ102, FJ103, FJ104 – Hose Valve Cabinet. The Life Safety Plan Symbols legend on the drawings indicated above indicate the existence of Portable FE & Hose Valve Cabinet fixtures, and Hose Valve Cabinet fixtures. Please clarify the intended locations of these two fixtures.

**Response: Symbol is included in Legend, but there are no hose valves in cabinets. Refer to FP plans for hose valve locations.**

140. Specification Section LEED 01 81 11 #26, page 10, says **all** gypsum board shall be moisture and mold resistant. Specification Section Gypsum Board 09 29 00 – paragraphs 2.1 and 2.2 does not state that all gypsum board should be moisture and mold resistant board. Please clarify if moisture and mold resistant gypsum board should only be located at wet areas within the building.

**Response: Moisture and mold resistant gypsum board shall only be required to be located at wet areas within the building.**

141. According to the Contract Documents, the Contractor is to match the existing equipment/systems. Please provide the submittals for the following equipment/systems:

- c. Generator
- d. Chillers
- e. Cooling Towers
- f. Building Automation Systems

**Response: Please coordinate with the VA Resident Engineer for existing submittals.**

142. Drawing GI-0500 indicates to relocate existing utilities that cross through the new buildings foot print. This relocation is to occur prior to the construction of the new project. We are required to establish temporary power to minimize all service interruptions. The temporary must be in place prior to the utility relocation. Drawing C1.01 shows existing utility duct banks for normal and emergency power, telecommunications, and signal systems that need to be removed and relocated. Please provide the conduit and cable configurations of these existing utility duct banks to be relocated and what facilities they serve. The electrical and telecommunication drawings do not provide this additional information.

**Response: Utility relocation and temporary power supply for hospital will be accomplished under a separate solicitation to be issued. Bid project as if relocations have occurred and temporary power is in place.**



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143. What is the maximum time allowed for electrical and telecomm service interruptions that will occur during the utility relocation phase of the project?

**Response: Utility relocation and temporary power supply for hospital will be accomplished under a separate solicitation to be issued. Bid project as if relocations have occurred and temporary power is in place.**

144. Drawing GI-0500 Note 2C indicates to provide an addition of 170KW of solar panels for the planned 3.3MW Photovoltaic System. Are we to include the additional panels for the planned solar panel farm? If so, who is the manufacturer of the solar panels for the planned 3.3MW Photovoltaic System so we can match the planned system's panels?

**Response: Please disregard reference to added 170KW of solar panels. Work is not within the scope of this project.**

145. Electrical drawing E-501 Notes #1 and #9 reference drawing ESP-101 for location of the existing manhole(s) for the splice/tap for the new 12.47KV feeder for the new unit substations. Drawing ESP-101 does not show any manholes. Please advise.

**Response: Note 1 on sheet ESP-101 indicates the diagrammatic routing of conduit from the new unit-substations to said manholes. Please note: Utility relocation and temporary power supply for hospital will be accomplished under a separate solicitation to be issued. Bid project as if relocations have occurred and temporary power is in place.**

165. The AV Drawings Describe the audio speakers as S-1, S-2, S-3. Please specify speaker sizes and the existing brand used in finished building if possible.

**Response: Please refer to specifications section 2.2 for speaker type information. Please coordinate with owner on questions of existing brands.**

146. Drawing TA-021 (Note 1) Specifies a fiber link to existing Sound and Page system, it refers to Telecomm Riser drawing for fiber strand count. T-005 does not specify which fiber will be used for this connection. Please specify.

**Response: Utilize strands as needed from cabling shown on T-005. Coordinate with the telecommunications contractor.**

147. AV Drawings call for control touch panels, wired and wireless. Please specify the touch screen size required. Also no programming script is defined for the control portion. Please specify.

**Response: Please refer to specifications section 2.5 for control panel information. Please coordinate with owner for control panel look and functionality requirements.**

148. Please clarify the On-Center spacing of the 4 XS Pipe as shown on Detail 5 – Canopy Section on Sheet S-5214.

**Response: The 4XS Pipes occur at each HSS20x12 column.**

149. Canopy Section shown on 5/S-5214 shows a HSS 12x4x3/8 Fascia member. However this same member is sized as a HSS 12x2x1/4 on 14/S-4102. Please clarify.

**Response: The member is a 12x4x3/8. The drawings have been clarified.**

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150. 08 30 00 Fire and Smoke Rated Curtains with Egress – Several interested bidders have noted that the product specified does not meet exiting applications and is not approved for exiting by the ICC/IBC or AHJ. Will the VA allow alternates to this product that meet applicable codes?

**Response: Alternate products meeting the performance requirements will be accepted.**

151. Ceiling Detail 3/AE-5201 notes Seismic Category D requirements and sheet S-1001 XL Design Criteria 6 notes Seismic Category C. Which is correct?

**Response: The project is seismic design category C.**

152. Sheet SF-1201C shows footings F7 and F8 but they are not listed on the Footing Schedule. Please provide dimensions and reinforcing information.

**Response: Footings F7 & F8 have been added to the schedule in previously issued responses.**

153. Detail 11/S-5111 indicates a concrete stem wall at grid lines 1, 5.1,6 and E, but details 5/AE-3110, 6/AE-5401 and 1/AE-6402 indicate the stem wall at grid line 12. Which details are correct? Please clarify the locations of the concrete stem wall.

**Response: The stem wall is called out on SF-1201A on grid 12 near grid C.**

154. Sheet SF-1201A showing the dimensions and reinforcing for the service well beam refers bidders to the Column Schedule on 14/S-5103. Please clarify the intent of this detail.

**Response: This member is a horizontal column member, and is to be constructed per CC2 on 14/S-5103.**

155. Sheet E-001 indicates fixtures B1 and B2 as 2x4 fixtures. On the lighting sheets they are shown as 2x2 fixtures. Also, the lamp number corresponds with a 4' utility fixture. Please clarify.

**Response: Type B1 and B2 are 2x2 fluorescent fixtures. The lamp type indicated is correct. 17 watt T8 lamps are 2 foot lamps.**

156. Sheet EL-200 show a "St" switch for lighting control at BH002, 003 and 004. The symbol sheet indicates this is a thermal switch. Please clarify.

**Response: These switches should be "Stm" (Switch with digital timer).**

157. The VFD for 2-CCU is not on the VFD schedule. Is this Owner provided? In general, there is some confusion on the VFD's. Are these Owner-provided items?

**Response: VFD's are not Owner provided. They should be provided with the equipment where possible. The VFD for 2-CCU-5 is required for this scope of work.**

158. Is the generator at the Central Plant included in this scope of work, or is it OFOI?

**Response: The generator is included in this scope of work.**

159. Are the main feeds at the Central Plant allowed to go underground? Please clarify the extent of the underground work and the points of transition to GRC.

**Response: Per note 1 on sheet E-501, underground conduit is existing from generator location to SWGR 5-GCS-EG location. Recommend routing of feeders overhead to Chiller ATS.**

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160. Sheet TA-400 indicates a Note 5 but this note is missing. Please clarify.

**Response:** Note 5 should say, "See Telecomm drawing package for connectivity requirements of control panel."

161. Volume 4 sheet MH-403 note 3 states "Install attenuator (provided by others)..." Please clarify who provides the attenuator.

**Response:** The generator exhaust attenuator is to be provided by the contractor to match the existing installations.

162. Volume 4 sheet MH-401 shows 3 VFD with notes stating "for reference only". Sheet MH-650 provides Variable Frequency Drive schedule. Please clarify if the VFDs are in this contract.

**Response:** The VFD's indicated for reference only. Refer to the VFD location on plan only. The VFD schedule indicates that the new chilled water and condenser water pumps, as well as the new cooling tower require VFD's as part of this scope of work. In addition, the new chiller will require a VFD to match the existing installations.

163. Reference 12 22 16 Drapery Track and Accessories. Please specify locations of window drapery tracks and drapery traverse rods and provide mounting details.

**Response:** Provide drapery tracks at entrance to shower/dressing areas in 1H111A and 1H111B.

164. Drawing AE-1203A Room 3H314N indicates a window wall with a separate door. The Door number is 314P. The Door schedule on AE-6102 indicates that the door is a type C Wood flush (Solid Core). This is different than all of the other window wall systems surrounding the open office 3H314. Please provide details on the window wall system for room 3H314N.

**Response:** See clarifications to door schedule in previously issued responses. Room includes wood door and a window. Window type is added in revised drawings.

165. See volume 1 sheet SF-1202C near the intersection of gridlines R-5.0. Please clarify the size of the beam ~3'-0" west, and running parallel to gridline 5.0.

**Response:** Existing beam size has been clarified. See attached.

166. See volume 1 sheet SF-1202C near the intersection of gridlines R-5.0. The section cut at the stairwell references detail 5/S-5302. Please confirm there is an existing slab-on-metal-deck at that location.

**Response:** As indicated in detail 5/S-5302 there is an existing 7 ½" slab on metal deck to the west of the W24x55 beam. Please Note that the location of the W24 was revised in response to RFI 53.

167. See volume 1 sheet SF-1201C key note 4. The note states "Shore (E) HSS 16x16 col. for construction loads. Shoring designed by contractor. See General Notes." The General Notes do not address shoring of these columns in particular. Since we do not have as-builts of the existing building, we are requesting the design of the shoring be done by the Owner's structural engineer. Please advise.

**Response:** Drawings of the existing building will be made available upon request at the Pre-Construction meeting. Shoring remains the responsibility of the contractor.

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168. Page 26 of the Finish Schedule in Spec 09 06 00 specifies "N/C" for the Telecom, Facilities and Electrical Rooms on Level 1. However, "N/C" is not listed in the Finish Schedule Symbols list. Please clarify.

**Response:** There is to be no ceiling in the telecom, facilities, and electrical rooms throughout the building.

169. Finish Schedule specifies "PDWC-1" for the Men's and Women's Restroom, HAC and Toilet, ceiling finish on Level 1. However, "PDWC-1" is not listed in the Finish Schedule Symbols list. Sheet AE-13001A shows it as Gyp. Board Ceiling. Please clarify.

**Response:** Ceilings in these areas shall be Gyp. Board as indicated in the finish schedule.

170. Finish Schedule (Spec. 09 60 00) shows P-4 Ceiling finish at Rooms 1H148 & 1H149, however drawings show Gyp. board pattern. Please clarify

**Response:** Ceilings are to be Gyp. Board painted with P-4.

171. Sheet AE-1300A shows "2x2 Suspended Acoustical Tile Ceiling" hatching at Rooms CB-002. However, the Finish Schedule calls for no ceiling finish. Please Clarify.

**Response:** Reflected Ceiling Plan is correct. Please provide Acoustic Tile Ceiling.

177. Sheet AE-1300C shows "2x2 Suspended Acoustical Tile Ceiling" hatching at Rooms CB-001. However, the Finish Schedule calls for no ceiling finish. Please Clarify.

**Response:** Reflected Ceiling Plan is correct. Please provide Acoustic Tile Ceiling.

178. Detail 7/AE-5203 shows Wood Ceiling, however drawing AE-13001C shows Gypsum Board Ceiling. Please Clarify.

**Response:** Provide both. The wood ceiling is at 8' – 6" AFF, while the gyp board ceiling is at 10' – 0" AFF.

179. Detail A on sheet AE-4102 shows wall type 10, however the blow up detail of 3/AE-5502 shows this wall type as 14c. Please clarify

**Response:** Wall type 14c is at the first floor and wall type 10 is at the same location at the 2<sup>nd</sup> and 3<sup>rd</sup> floors.

180. The finish schedule calls out for TT-1 flooring in Vestibules 1H148 and 1H149, however the drawings call out for TT-2. Please clarify.

**Response:** The Vestibules have been changed to TT-5. See revised drawings/schedules.

181. The finish Schedule calls out for VFT-1 Base and no flooring in Room 1H142, the Sandwich shop. However, the Drawings show VFT-1 for the Flooring. Please clarify.

**Response:** The flooring and base are VFT-1.

182. Door 104 is called out in the door schedule as a "wood flush SC door", however it is also listed as a 90-min Fire Rated Door. Please Clarify.

**Response:** This is a rated door and has been clarified accordingly. See revised drawings.

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183. You indicated that the building would be a LEED Platinum construction. Please provide the LEED worksheet for the LEED Platinum point assessment.

**Response: LEED scorecard has been provided in Specifications Section 01 81 11.**

184. Please confirm if any modifications to the fire pump are required as part of this contract.

**Response: There are no fire pump modifications required as part of this project.**

185. Please confirm the size of the existing fire pump.

**Response: Base water supply on the available water supply from the existing 1500 gpm at 115 psi fire pumps located in the Central Plant, which supply all fire protection water to the building. The water supply curve based on the shop drawing submittal for the ITT-AC electric drive fire pumps is:**

- a. 0 gpm at 130 psi**
- b. 750 gpm at 125 psi**
- c. 1500 gpm at 115 psi**
- d. 2250 gpm at 75 psi**

186. The CUP drawings show new valves at all points of connection to the existing CHW and condensate piping. Field investigation found existing valves at all of these POCs. Please confirm if these existing valves can be utilized for new tie-ins, or if new valves are in fact required.

**Response: Existing valves are indicated on the mechanical sheets MH-401 and MH-402 where the new condenser water pump 2-CWP-5, new chilled water pump 2-CHP-5, and new condenser water piping is extended for the new cooling tower 2-CT-5. These existing valves should be utilized as indicated on the mechanical drawings. New valves and taps are indicated for chilled water piping connections to the new chiller 2-CCU-5 (as indicated on sheet MH-401, note #12) to allow the emergency chiller connections to be extended to the building exterior for this scope of work.**

187. Please confirm if Johnson Controls is the required Systems Integrator referenced in Section 230923.

**Response: The Systems Integrator shall be compatible with the existing system.**

188. Please confirm if the existing DDC system can be expanded to include the new facility, without a completely new, separate head end operator workstation.

**Response: Existing systems may be extended where appropriate.**

189. Please confirm if the existing power monitoring and lighting control systems can be expanded to include the new facility, without completely new, separate head end operator workstations.

**Response: Existing systems may be extended where appropriate.**

190. Reference 9/AE4503: Please confirm that the shaded area between Grid 3 and Grid 5 indicate MP-1 exterior finish and Section 07 42 00.

**Response: The shaded area is MP-1 and is to match the exterior Phenolic Panels, which is spec section 07 42 13.**

191. Sheet - T-005 Facilities Back Bone drawings has a conflict with the amount of cabling being pulled from the demark and existing IT room TR-B204. I.e., the main runs show (A1) cables but

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entering the IT rooms shows (A2) cables? Please confirm if A1 cables or A2 cables should be pulled. This same questions is for other cables being pulled through.

**Response: The (A1) cables terminate in 1H103**

192. Note 3 on ESP-101 states 120V connection to gate operator. Coordinate connection requirements with actual equipment and security drawings. The security drawings do not reference these gates and are not in the specification. Gates are not highlighted on architectural site drawing AS-1102. Please advise if these gates are included and provide a specification.

**Response: Disregard requirement for gate at this time.**

193. Volume 1 081400 2.1 B 3 (pg 3 of 8)- indicates to Match Existing Finish for transparent finishes on Flush Veneer Doors. Please clarify what the Existing Finishes are with a manufacturer and additional specifications?

**Response: Provide Crystal Urethane blend, non-plastic appearing satin. Similar to Timber Pro UV.**

194. Reference Section 013600-1.4-A-5: This subsection calls for "all (exterior) glass must be laminated...". Please advise if this requirement applies to spandrel panels as well as vision panels (Insulated Glazing Units).

**Response: As per spec 08 80 00 section 2.7F, the interior pane is laminated per ASTM C1048. The requirement applies to glass that is exposed to the interior spaces and is not covered by some other surface on the interior side that would keep it from blowing in and injuring occupants.**

195. Reference Section 083453, Security Doors and Frames: Please identify which door fall under this specification, either Forced-Entry (FE) or Ballistic Resistant (BR). Please remove this section if it does not apply to this project.

**Response: Disregard this section. It does not apply to doors in this project.**

196. Reference Section 08 56 53, Security Blast Resistant Windows: Please identify which windows fall under this specification, either Forced-Entry (FE) or Ballistic Resistant (BR). Please remove this section if it does not apply to this project.

**Response: There are no FE or BR doors in this project.**

197. Reference Section 013600, Blast-Resistant Design, Page 5 of 8: Please confirm that the subsection 1.4-B-13-c should be labeled 1.4-C.

**Response: Confirmed, subsection 1.4-B-13-c should be labeled 1.4-C.**

198. Reference Section 013600, Blast-Resistant Design, Page 7 of 8: Please confirm that the subsection 1.4-B-13-c-4-d "Door Design Criteria" should be labeled 1.4-D

**Response: Confirmed, subsection 1.4-B-13-c-4-d should be labeled 1.4-D.**

199. Plan GI-0202 "Project Summary" Item #1, indicates that the Temporary Hospital Power and Underground Utilities are under a separate contract and not to be included in the VA Project # 593CA2202. The provided site civil, site electrical and utility plans indicate many relocations that must be performed under this contract but it is unclear if the scope indicated for this project will be the same as under the other project. Please clarify the scope of work between the 2 projects.

**Response:** All underground relocations of utilities will be performed under a separate contract. Civil, and Electrical demo and site plans will be modified to coordinate with separate underground relocation package.

200. Reference sheets AE1204A and AE1303A: AE1204A shows a legend with double circle in a square between D and D.3 line. Please advise if these are tubular daylighting devices (tubular daylighting devices are depicted as a single circle in a square). Also see sheet AE1303A for the same area. It appears that the reflect ceiling plan calls for some tubular daylighting devices between D and D.3 line, but the locations and quantity do not match the roof plan. Please clarify.

**Response:** Yes, the indicated symbols are tubular daylighting devices. The roof plan shows the correct number. See response to RFI 34 item 65 for further clarification.

201. Reference detail 4/AE5509: Please provide specification for the 6" UV tape at the 3/8" open reveal in the rain screen exterior wall panel system.

**Response:** Provide self-adhering flashing membrane, refer to spec section 07 13 00.

202. Regarding water/air barrier behind exterior wall panels (a rain screen system), Section 074200-2.4 is in conflict with Section 071300-2.5. Please advise which section governs.

**Response:** Section 07 13 00-2.5 governs.

203. Section 072200 refers to Section 035200, lightweight Concrete Roof Insulation. However this Section is not provided in the Project Manual. If lightweight Concrete Roof Insulation is required please provide specification and drawing detail.

**Response:** Section 035200, lightweight Concrete Roof Insulation is not part of the project.

204. Section 074213 calls for metal faced composite wall panels. We do not see any such wall panels called out on the elevations. Please confirm that this project does not have ACM panels.

**Response:** Spec section 07 42 13 is being used for the corrugated metal wall panels at the penthouses.

205. Section 074213 does not provide Part 2 or Part 3. Please provide.

**Response:** Parts 2 and 3 of spec section 07 42 00 are added in revised specifications attached.

206. The building elevations have a finish legend AL-1, ALUMINUM. Please advise where this finish legend applies. Details 1-6/AE 6401 calls for "glazed-in" 1/8" aluminum cover cap/panel at interior locations. Is this AL-1?

**Response:** AL-1 refers to the metal panels at the window elevations on sheet AE-6204.

207. DOOR SCHEDULE SHOWS SEVERAL PAIRS OF DOORS WITH STC RATINGS (STC 40, STC 45 & STC 52). CURRENTLY NO MANUFACTURERS WILL RATE PAIRS OF DOORS AS A LABELLED ASSEMBLY, ONLY SINGLE DOORS. THEY CAN PROVIDE THE DOORS WITH THE RESPECTIVE STC CORES, BUT IT WOULD NOT BE A CERTIFIED, SOUND RATED ASSEMBLY. HOW SHOULD THE STC RATED PAIRS OF DOORS BE SPEC'D? DOOR #'S: 002.2, 003.2, 129.1, 129.2, 130, 131, 135, 136, 137

**Response:** Door in STC rated walls should be solid core doors with continuous acoustic seals. No STC rated / certified doors are required.

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208. The tile Specifications do not mention the type of ceramic type product to be used on this project. Could you provide further information on the ceramic tile?

**Response: See Specification Section 09 06 00 for Specification on Ceramic Tile.**

209. The following fixture types are called out to match existing – is there any information on the existing fixtures?

Type AA1, Type AA2, Type BB, Type FF1, Type FF2, Type GG, Type Exit.

**Response: Coordinate with VA Resident Engineers to get information on existing fixtures.**

210. WCP-1 – product number is not valid. What is the correct product number for WCP-1

**Response: See revised specification section for updated product information.**

211. Section 095126, Wood Panel Ceilings, the spec section indicates the utilization of the Armstrong Woodworks Concealed ceiling system with 2'x8' panels with bamboo finish. The ceiling details (3/AE-5205) confirms the use of the concealed system. The system in the existing building is woodworks vector %5401 in a 2'x2' configuration with a constant Maple finish and Vector suspension system which would conform to the 09 06 00 finish schedule, page 14 of 34. Is the desired product to be the vector 2'x2' system to match existing?

**Response: Provide as specified. Do not match the product in the existing Hospital.**

212. Will the General Contractor be responsible for obtaining a Building Permit from the City of North Las Vegas for this project? If so, will the GC also be responsible for all water reclamation fees for the project, and any other fees required for the local jurisdiction to obtain a Building Permit?

**Response: See Clause 52.236-7 Permits and Responsibilities.**

214. Since the Government is not requiring, nor including the Builder's Risk Policy, please confirm the Contractor is required to pay for damages in the event of loss.

**Response: Comply with solicitation insurance requirements.**

215. Please advise if there are any consequential or actual damages.

**Response: Comply with solicitation insurance requirements.**